## **AMENDMENTS TO THE CLAIMS**

This listing of claims replaces all prior versions and listings of claims in the application.

## Listing of the Claims:

1. (Currently Amended) A tissue puncture closure device for partial insertion into and sealing of an internal tissue wall puncture, comprising:

a filament;

an anchor for insertion through the tissue wall puncture attached to the filament at a first end of the closure device;

a sealing plug disposed proximal of the anchor;

a locking apparatus separate from the filament, anchor, and sealing plug and arranged adjacent to the sealing plug for compressing the sealing plug along the filament toward the anchor, wherein the locking apparatus comprises a ratchet mechanism, the ratchet mechanism including a first member that maintains a fixed position relative to the filament, and a second member that is movable along the filament relative to the first member and configured to apply a pressure to the sealing plug to form a seal between the tissue wall puncture and the sealing plug, wherein the pressure is insufficient to push the sealing plug through a portion of the internal tissue wall puncture.

2. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 1 wherein the locking

apparatus comprises a strap and hub attached to the filament.

3. (Previously Presented) A tissue puncture closure device for partial

insertion into and sealing of an internal tissue wall puncture according to claim 2

wherein the strap and hub comprise the ratchet mechanism.

4. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 3 wherein the strap

comprises an elongated track and a plurality of sloping teeth.

5. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 3 wherein the strap

comprises a shoulder stop limiting movement of the hub.

6. (Previously Presented) A tissue puncture closure device for partial

insertion into and sealing of an internal tissue wall puncture according to claim 3

wherein the hub comprises a nut having a flexible internal finger biased to engage a

plurality of sloping teeth.

7. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 6 wherein the flexible

internal finger comprises a notch or an external corner shaped to mate a surface of the

plurality of sloping teeth.

8. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 6 wherein the flexible

internal finger of the hub freely traverses the sloping teeth in degrees in a first

direction, but is prevented from traversing the sloping teeth in a second direction.

9. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 2, further comprising a

tube slidingly disposed about the filament proximal to the hub for advancing the hub

along the strap.

10. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 9 wherein the tube

comprises an outer diameter that is larger than an inner diameter of the hub.

11. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 2 wherein the sealing plug

is initially disposed over an outer diameter of the strap.

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12. (Currently Amended) A tissue puncture sealing device comprising:

an internal component configured to be positioned against an internal wall of a

lumen;

an external component configured to be positioned external to the lumen,

wherein the external component is operatively connected to the internal component by a

locking apparatus that is separate from the internal and external components, and

wherein the locking apparatus is configured to compress and hold the internal and

external components together, wherein the locking apparatus comprises a ratchet

mechanism, the ratchet mechanism including a first member that maintains a fixed

position relative to the internal component, and a second member that is movable

relative to the internal component and configured to apply a pressure to the external

component to form a seal between the lumen and the external component, wherein the

pressure is insufficient to push the external component through a portion of the lumen.

13. (Previously Presented) A tissue puncture sealing device according to

claim 12 wherein the tissue puncture is an arteriotomy.

14. (Original) A tissue puncture sealing device according to claim 12 wherein

the internal component is an anchor and the external component is a collagen sponge.

15. (Original) A tissue puncture sealing device according to claim 12 wherein

the locking apparatus comprises a strap and hub.

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16. (Previously Presented) A tissue puncture sealing device according to claim 15 wherein the strap and hub comprise the ratchet mechanism.

- 17. (Original) A tissue puncture sealing device according to claim 16 wherein the strap comprises an biologically resorbable elongated track and a plurality of sloping teeth.
- 18. (Original) A tissue puncture sealing device according to claim 17 wherein the hub comprises a nut having a flexible internal finger biased to engage the plurality of sloping teeth.
- 19. (Original) A tissue puncture sealing device according to claim 15, further comprising a tube slidingly disposed adjacent to the hub for pushing the hub along the strap.

20. (Currently Amended) A tissue puncture closure device for partial

insertion into and sealing of a puncture in a vessel wall, comprising:

an carrier tube having first and second ends;

an anchor disposed outside of the carrier tube at the first end thereof;

a sealing plug disposed inside the carrier tube at the first end thereof;

a one-way lock disposed at the first end of the carrier tube for compressing the

sealing plug toward the anchor, the one-way lock being separate from the carrier tube,

anchor, and sealing plug, wherein the one-way lock comprises a ratchet mechanism

configured to allow the sealing plug to be pressured and, the ratchet mechanism

including a first member that maintains a fixed position relative to the anchor, and a

second member that is movable relative to the first member to compress the sealing

plug toward the anchor to seal the puncture without allowing the sealing plug to be

forced into an interior region of the vessel.

21. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 20, further comprising a

filament attaching the anchor to the one-way lock.

22. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 20 wherein the one-way

lock is disposed within the first end of the carrier tube, and wherein the sealing plug is

slidingly arranged about the one-way lock.

23. (Previously Presented) A tissue puncture closure device for partial

insertion into and sealing of an internal tissue wall puncture according to claim 20

wherein the one-way lock comprises the ratchet mechanism.

24. (Previously Presented) A tissue puncture closure device for partial

insertion into and sealing of an internal tissue wall puncture according to claim 20

wherein the ratchet mechanism comprises a strap and hub.

25. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 24 wherein the strap

comprises a plurality of sloping teeth.

26. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 25 wherein the hub

comprises a nut having a flexible internal finger biased to engage one or more of the

plurality of sloping teeth.

27. (Original) A tissue puncture closure device for partial insertion into and

sealing of an internal tissue wall puncture according to claim 20 wherein the anchor,

sealing plug, and one-way lock comprise biologically resorbable materials.

28. (Currently Amended) A tissue puncture closure assembly for partial

insertion into and sealing of an internal tissue wall puncture, comprising:

an insertion sheath receptive of a closure device;

the closure device, comprising:

a carrier tube;

a filament extending at least partially through the carrier tube;

an anchor for insertion through the internal tissue wall puncture attached to the

filament at a first end of the closure device;

a strap and locking hub attached to the filament adjacent to the anchor, the hub

being movable along the hub strap in a first direction, but locked from moving opposite

of the first direction;

a sealing plug disposed at least partially about the strap and adjacent to the

locking hub, wherein the strap and hub comprise a ratchet mechanism configured to

apply a pressure to the sealing plug to compress the sealing plug along the strap toward

the anchor to form a seal between the tissue wall puncture and the sealing plug, wherein

the pressure is insufficient to push the sealing plug through a portion of the internal

tissue wall puncture;

wherein the strap and locking hub are separate from the filament, anchor and

sealing plug.

29. (Original) A tissue puncture closure assembly for partial insertion into and sealing of an internal tissue wall puncture according to claim 28 wherein the insertion sheath further comprises a one-way valve at a first end and a hemostatic valve

at a second end.

30. (Original) A tissue puncture closure assembly for partial insertion into

and sealing of an internal tissue wall puncture according to claim 28 wherein the

closure device further comprises a tube slidingly disposed about the filament adjacent

to the locking hub for pushing the hub along the strap in the first direction.

31. (Withdrawn) A method of sealing an internal tissue puncture, comprising:

providing a closure device having an anchor for insertion through the tissue

puncture, a sealing plug disposed proximal of the anchor, and a locking apparatus

arranged adjacent to the sealing plug for lockingly compressing the sealing plug toward

the anchor;

inserting the closure device partially into the internal tissue puncture;

deploying the anchor;

compressing the sealing plug and the anchor across the internal tissue puncture;

locking the sealing plug and the anchor into a fixed position relative to one

another.

32. (Withdrawn) A method of sealing an internal tissue puncture according to

claim 31, further comprising inserting the closure device into an insertion sheath.

33. (Withdrawn) A method of sealing an internal tissue puncture according to

claim 31 wherein the compressing of the sealing plug further comprises advancing a

one-way hub of the locking apparatus along a strap of the locking apparatus.

34. (Withdrawn) A method of sealing a puncture in an internal tissue wall

accessible through a percutaneous incision, comprising:

inserting a closure device at least partially into the percutaneous incision;

advancing a one-way hub along a strap;

compressing a sealing plug toward the puncture by the advancing of the one-way

hub along the strap.

35. (Withdrawn) A method of sealing a puncture in an internal tissue wall

accessible through a percutaneous incision according to claim 34 wherein the

compressing further comprises sandwiching the sealing plug and an anchor across the

puncture.

36. (Withdrawn) A method of sealing a puncture in an internal tissue wall

accessible through a percutaneous incision according to claim 34 wherein the advancing

further comprises traversing a biased finger across a plurality of sloped teeth of the

strap, wherein the biased finger and sloped teeth allow advancement of the hub, but

preclude retracting of the hub.

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37. (Withdrawn) A method of sealing a puncture in an internal tissue wall accessible through a percutaneous incision according to claim 34 wherein the inserting further comprises passing the closure device through an insertion sheath and deploying an anchor internal to the puncture.